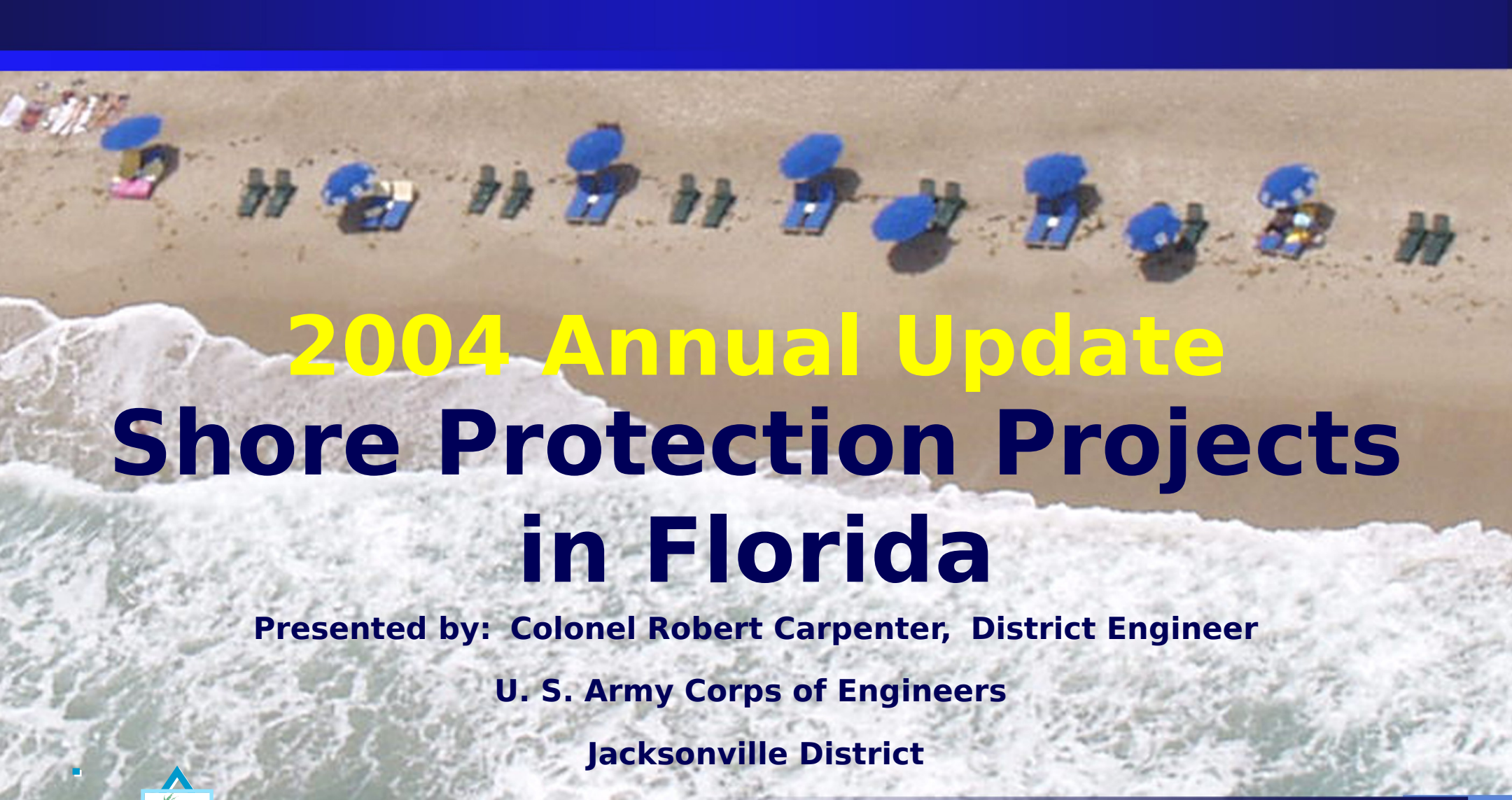


2004 Annual Update

Shore Protection Projects in Florida

Presented by: Colonel Robert Carpenter, District Engineer

U. S. Army Corps of Engineers

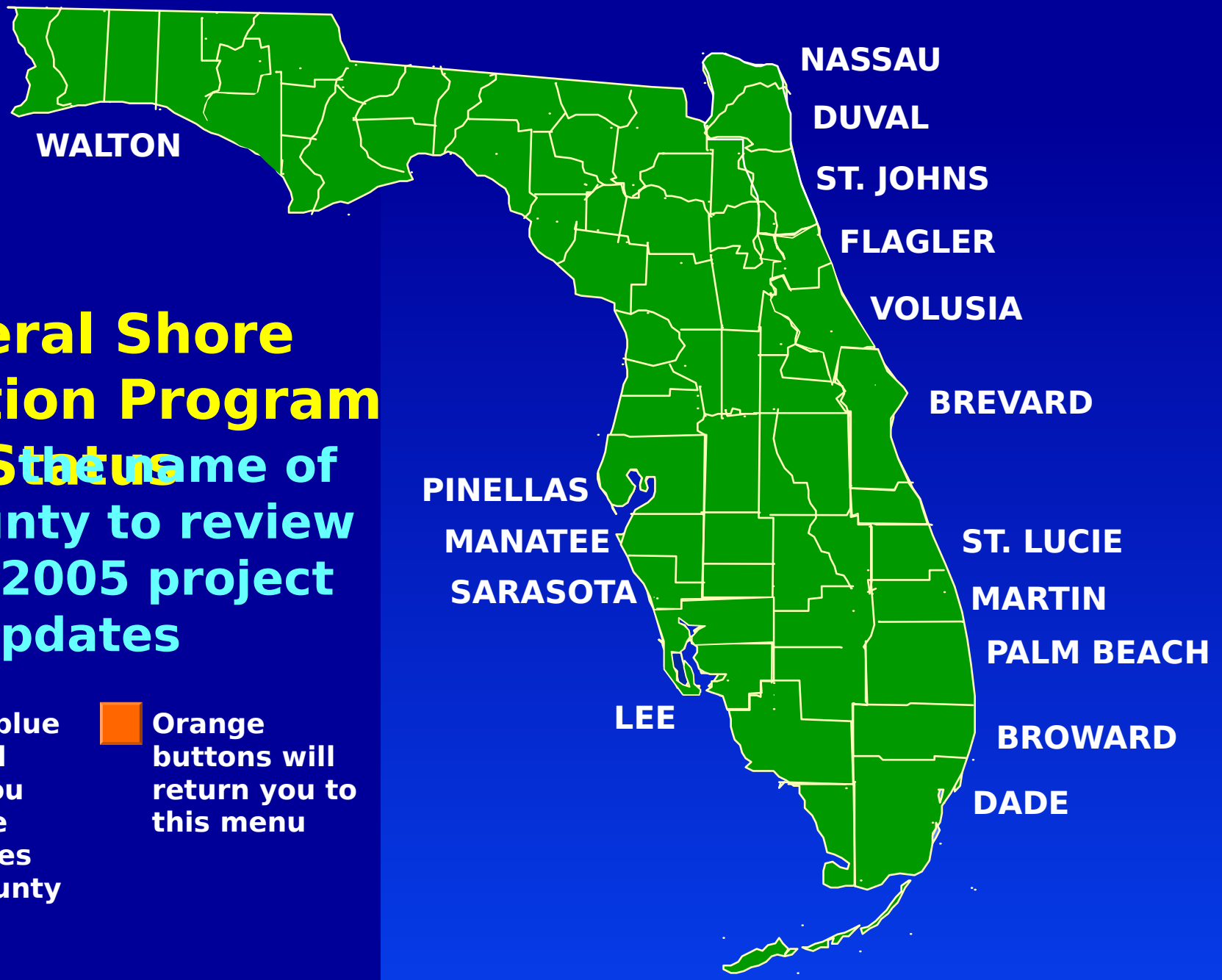
Jacksonville District

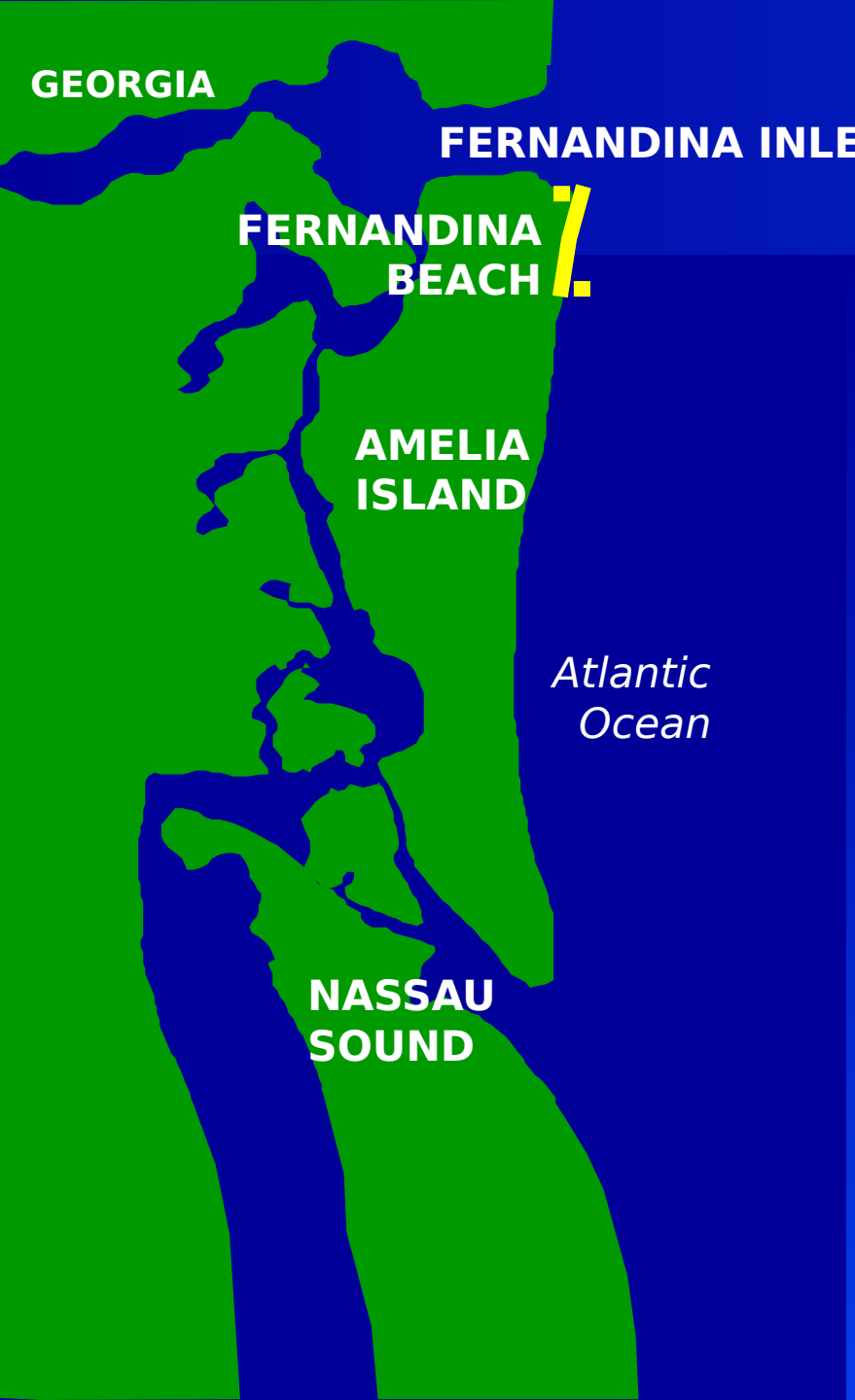
2004 Florida Shore and Beach Preservation Association Meeting

Federal Shore Protection Program Status

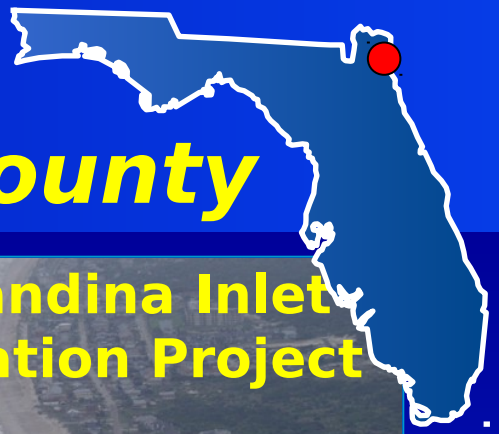
Click on the name of your county to review 2003 – 2005 project updates

- Green and blue buttons will navigate you through the project slides for your county
- Orange buttons will return you to this menu





Nassau County



2003: 40,000 cy of maintenance material placed on beach

2004: 225,000 cy of maintenance material placed on beach in Spring

2005: 225,000 cy of maintenance material anticipated to be placed on beach

Forward

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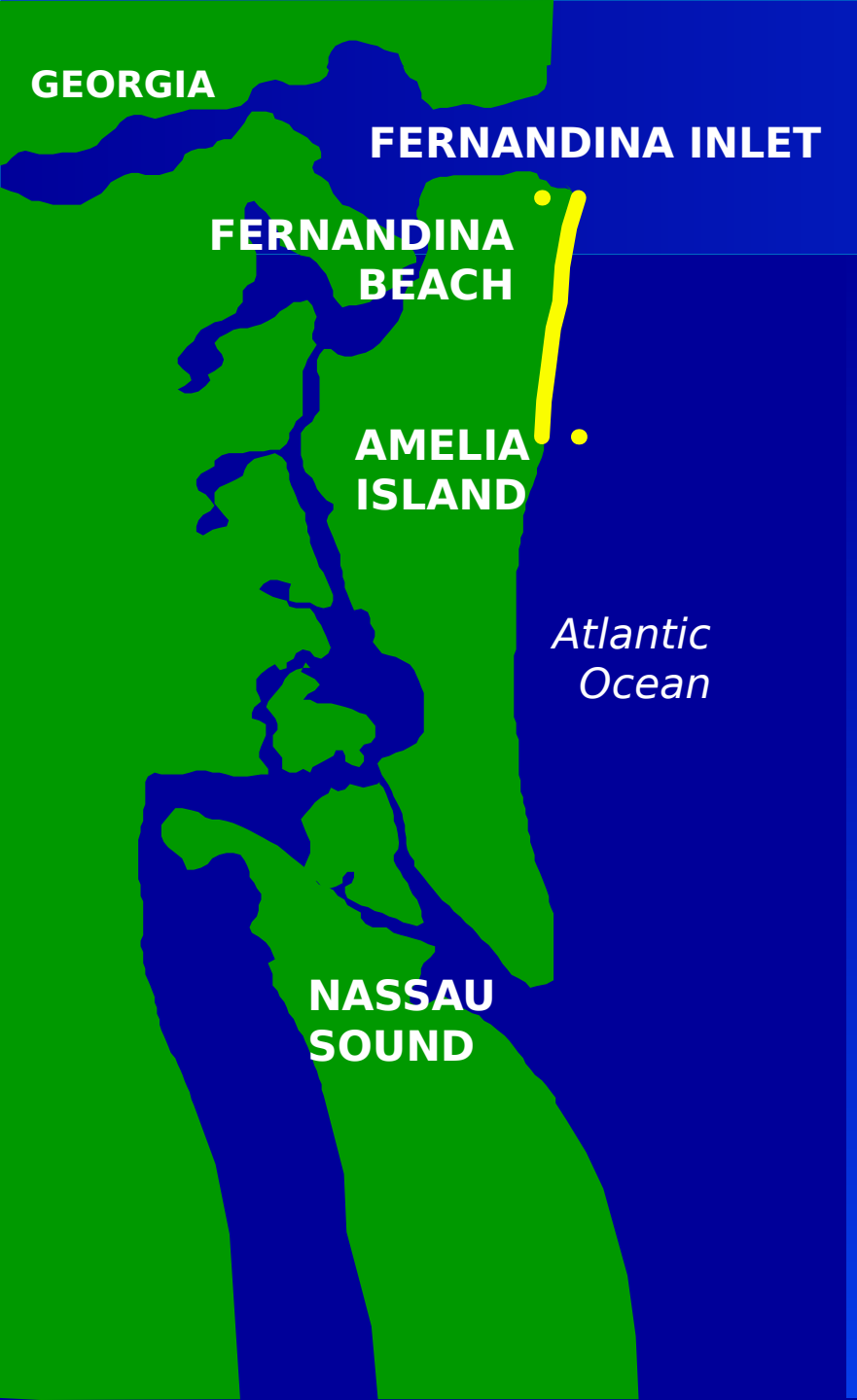
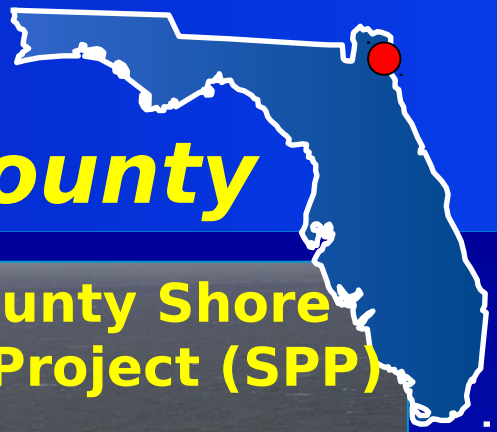


Nassau County



Nassau County Shore Protection Project (SPP)

2004: Complete General Re-evaluation Report (GRR) addressing HQ comments for the 4.3 mile SPP

2005: GRR approval anticipated followed by initiation of plans & specs

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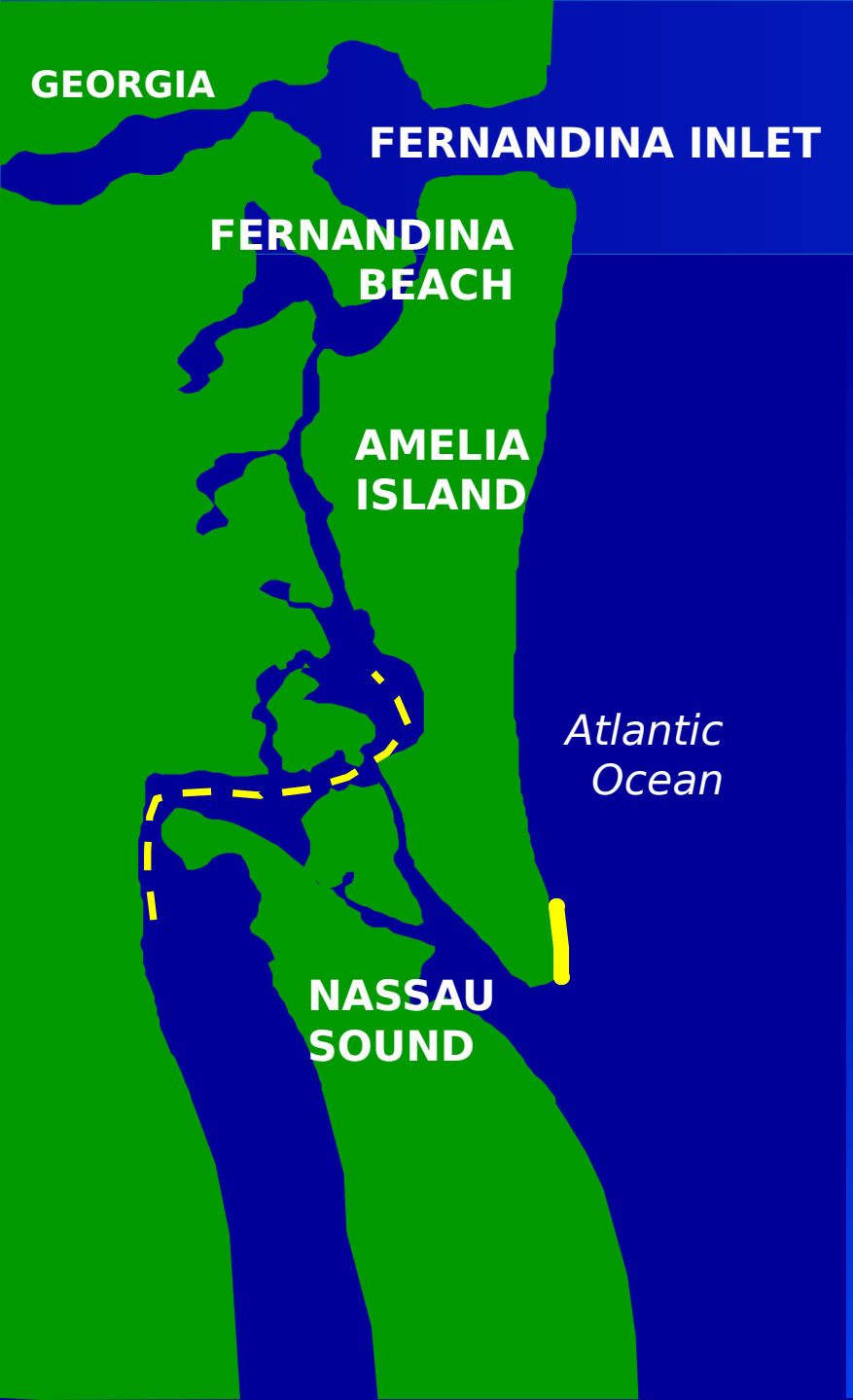

Nassau County

2005: Initiate plans & specs for 2005 maintenance dredging; approximately 500,000 cy anticipated to be placed on beach

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LITTLE TALBOT ISLAND

HUGUENOT PARK

MAYPORT

JACKSONVILLE HARBOR

ST. JOHNS RIVER

ATLANTIC BEACH

ATLANTIC BLVD.

Atlantic Ocean

NEPTUNE BEACH

BEACH BLVD.

JACKSONVILLE BEACH

ST. JOHNS COUNTY

Duval County

Jacksonville Harbor

Navigation Project

2003: 200,000 cy placed on Jacksonville Beach as part of harbor deepening

2004: Initiate plans & specs for FY05 maintenance dredging event

2005: Estimated 200,000 cy placement at Mayport as part of maintenance

Forward

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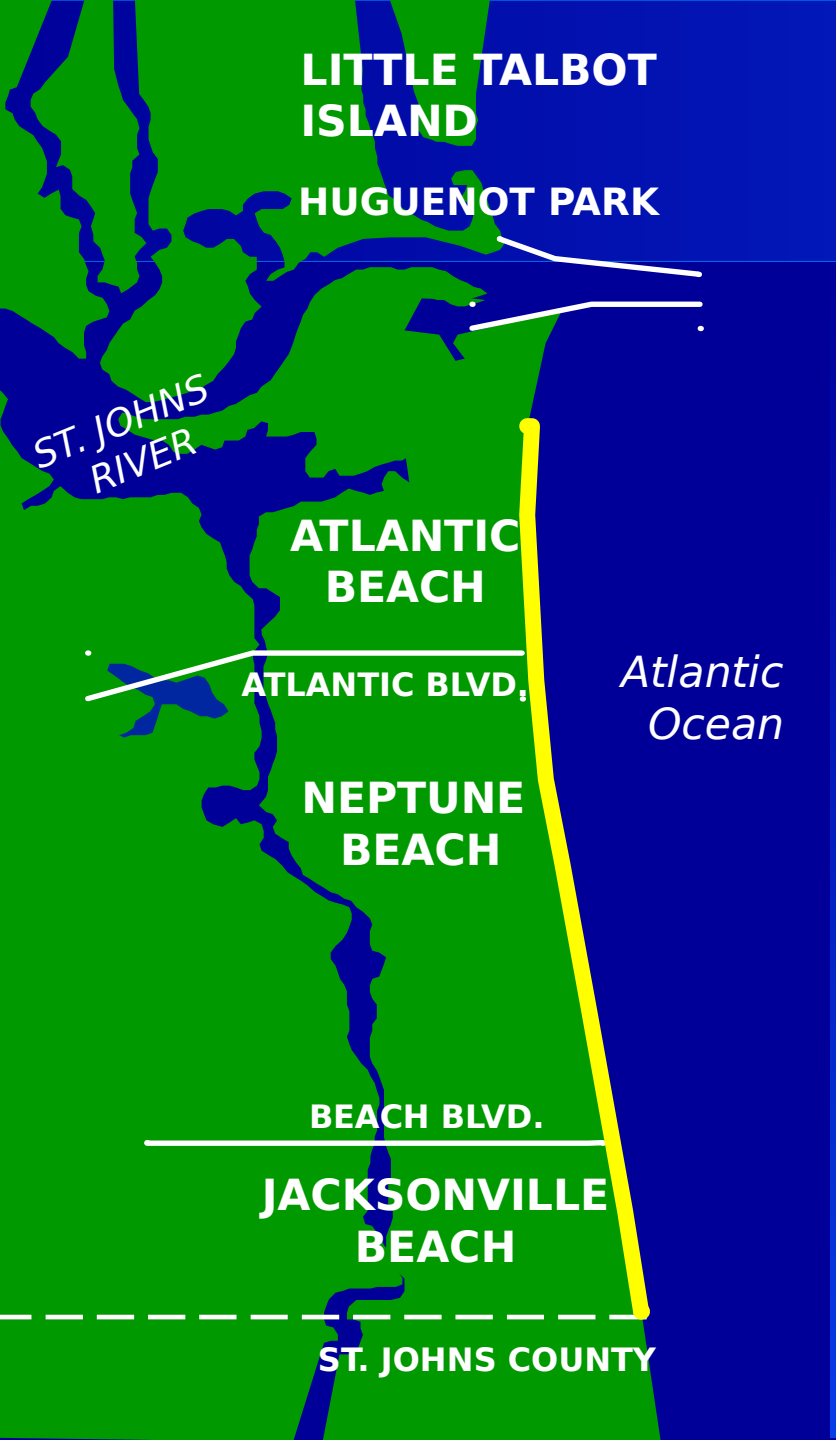


Duval County

2003: Jacksonville Beach renourished with 200,000 cy; initiated investigation of new borrow source

2004: Investigation of new borrow source completed and plans & specs initiated

2005: Plans & specs completion anticipated and upon funding, initiate a renourishment contract

Previous
Home

St. Johns County

VILANO BEACH

ST. AUGUSTINE INLET

Atlantic Ocean

MATANZAS INLET

SUMMER HAVEN

FLAGLER COUNTY

St. Johns County Beaches Study

2003: Funding received to initiate reconnaissance study

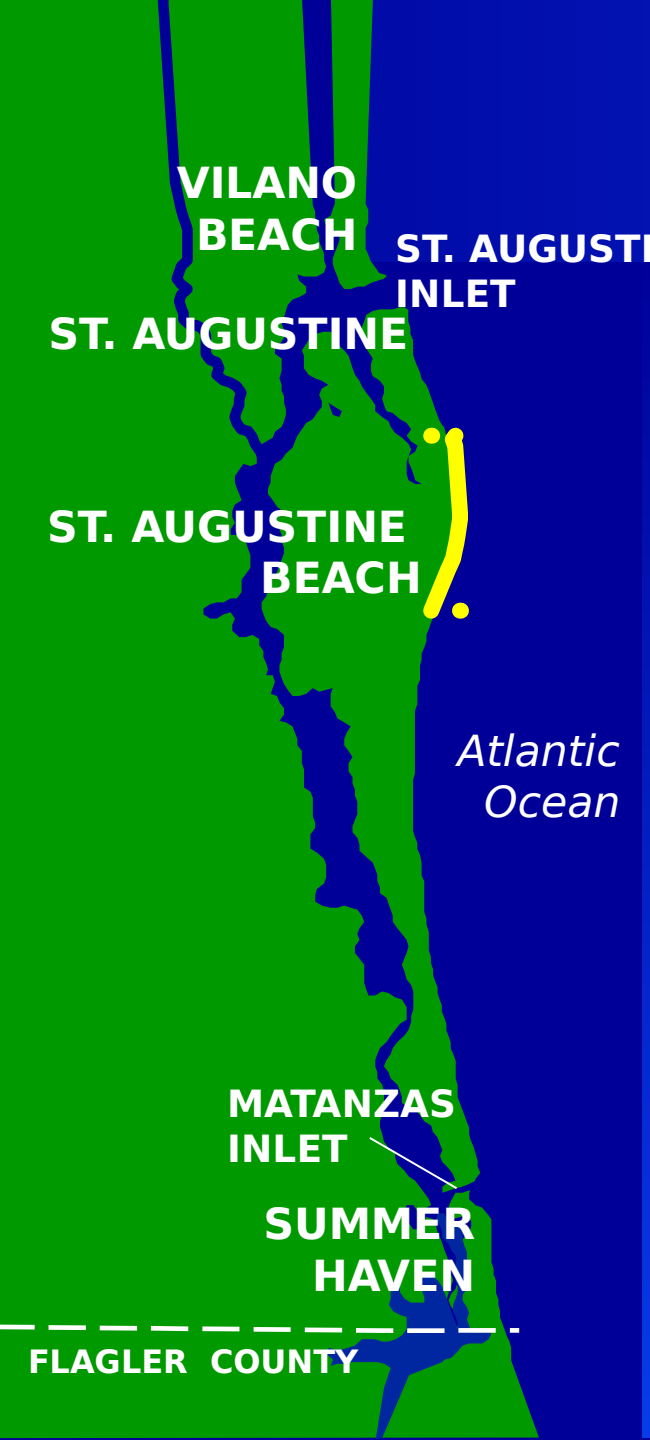
2004: Recon was approved and feasibility study initiated

2005: Continue feasibility study contingent on funding

Forward

Home

St. Johns County



St. Johns County Shore Protection Project (SPP) - St. Augustine Beach

2003: Post - construction monitoring

2004: Post - construction monitoring

2005: Initiate plans & specs for FY06 construction

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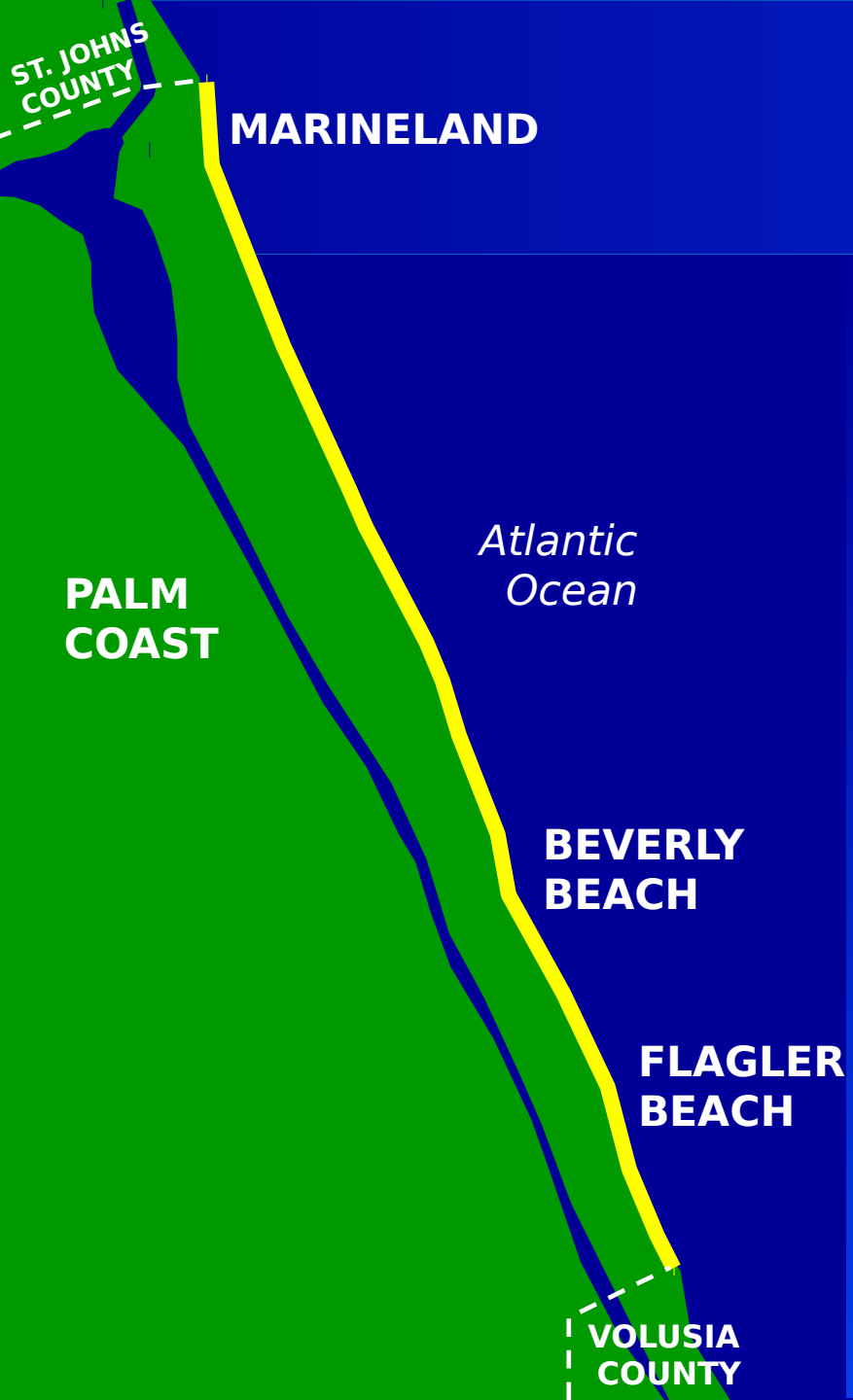


Flagler County

Flagler County Study

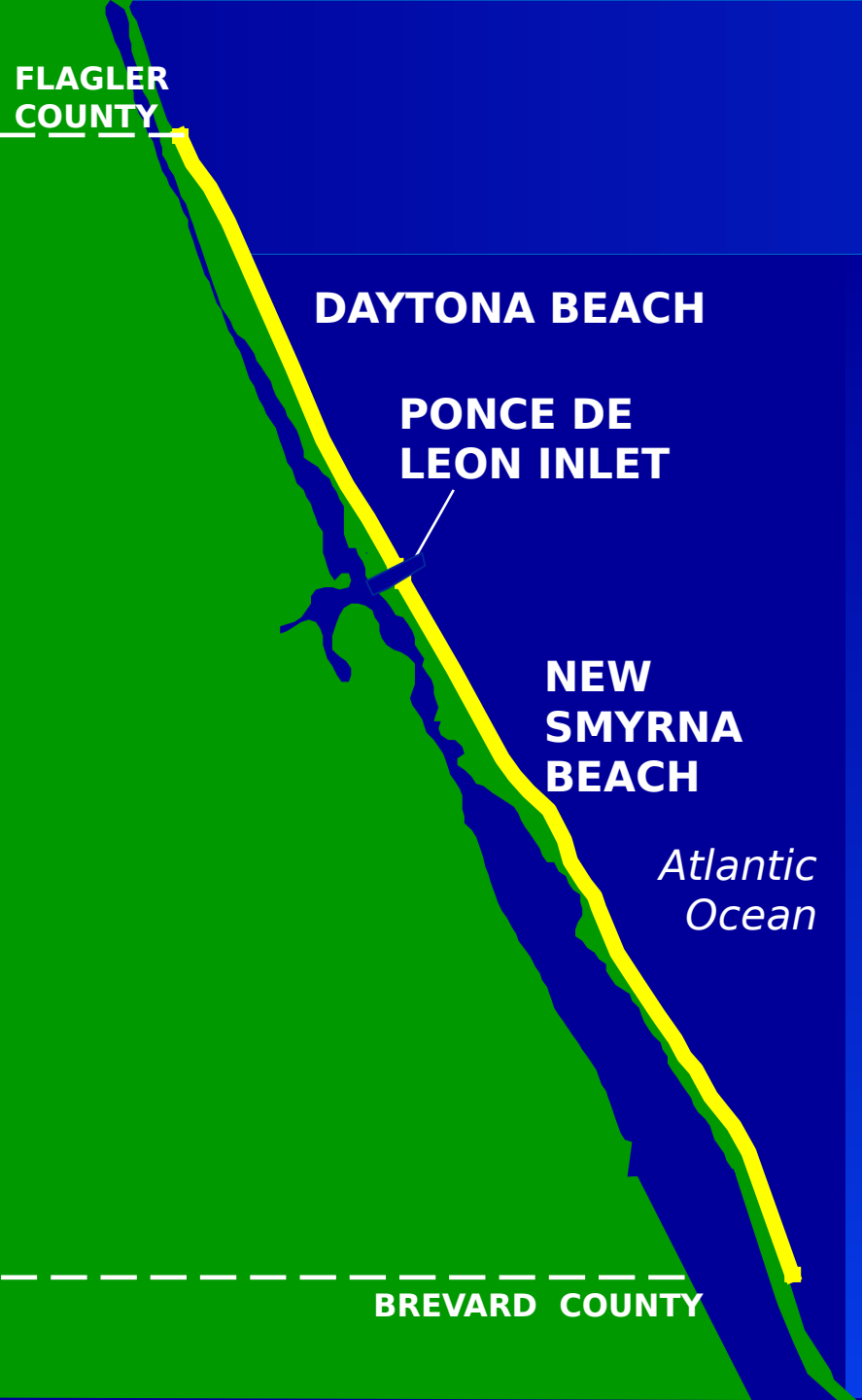
2003: Funding received to initiate recon study

2004: Recon report approved, feasibility study initiated

2005: Contingent on funding, continue feasibility study

Home

Volusia County



Volusia County Study

2003: Funding received to initiate recon study

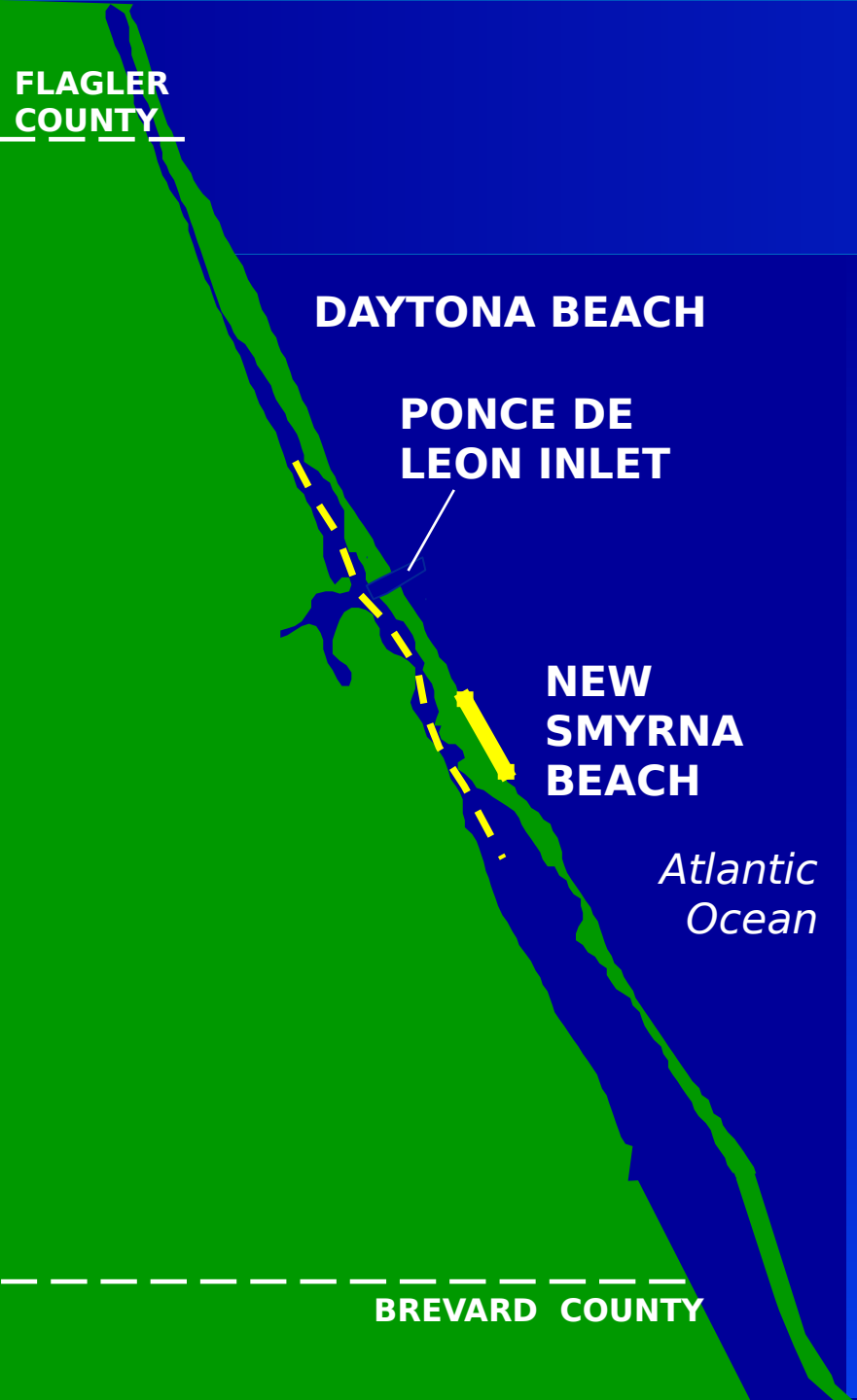
2004: Recon study completed and submitted for approval

2005: Upon approval of favorable recon report, feasibility study to be initiated

Forward

Home

Volusia County



2003: Plans & specs for next maintenance dredging & WQC acquisition initiated

2004: Preparation of plans & specs and WQC acquisition ongoing

2005: Maintenance dredging with nearshore placement of materials in nearshore off of New Smyrna Beach anticipated

Previous

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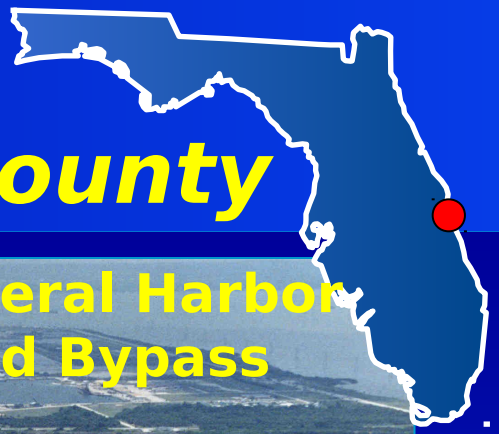
Brevard County



VOLUSIA COUNTY

CAPE CANAVERAL

Atlantic Ocean

MELBOURNE

INDIALANTIC

INDIAN RIVER COUNTY

2003: LRR completed, plans & specs underway for north jetty sand tightening

2004: North jetty sand tightening & plans and specs completed and open bids

2005: Award construction contract for north jetty and plans & specs underway for

Forward

Hom

VOLUSIA COUNTY

CAPE CANAVERAL

Atlantic Ocean

NORTH REACH

MELBOURNE

MID REACH

SOUTH REACH

INDIALANTIC

INDIAN RIVER COUNTY

Brevard County

Brevard County Shore Protection Project (SPP)

2003: Completed south reach construction (1,600,000 cy) ; initiated General Re-evaluation Report (GRR) for mid-reach

2004: Initiated GRR for mid-reach

2005: Continue preparation of GRR for mid-reach

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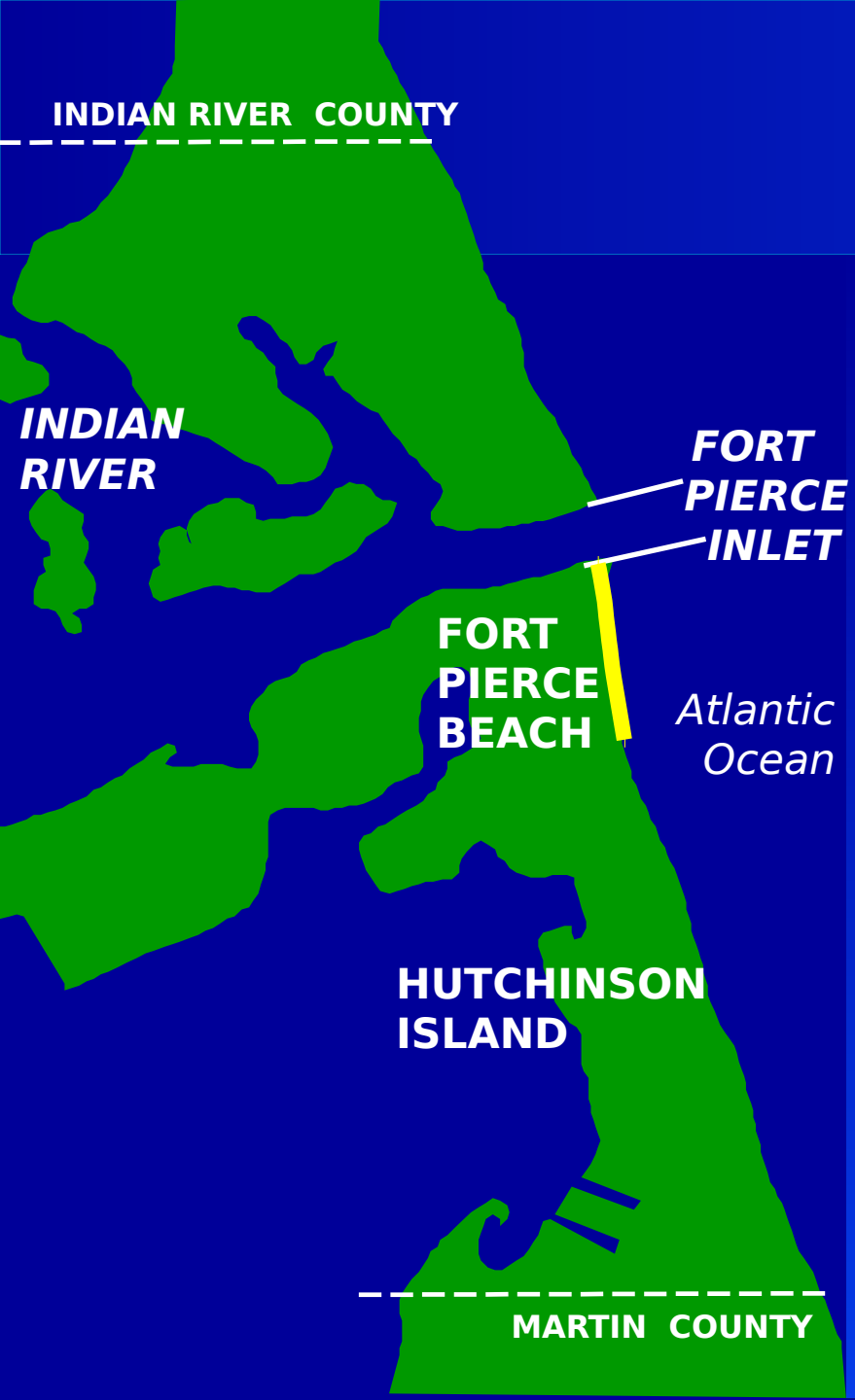
St. Lucie County



2003: Preparation of General Re-evaluation Report (GRR)
for 1.3 mile SPP; renourished SPP with 325,000 cy;

2004: Renourishment of SPP with 400,000 cy; constructed 5 acres of artificial reef preparation of GRR ongoing; complete artificial reef construction

2005: Approval of GRR; renourishment of beach
pending receipt of funding

Forward
Home

St. Lucie County

2003: Reconnaissance study approved

2004: Feasibility phase initiated

2005: Feasibility phase underway

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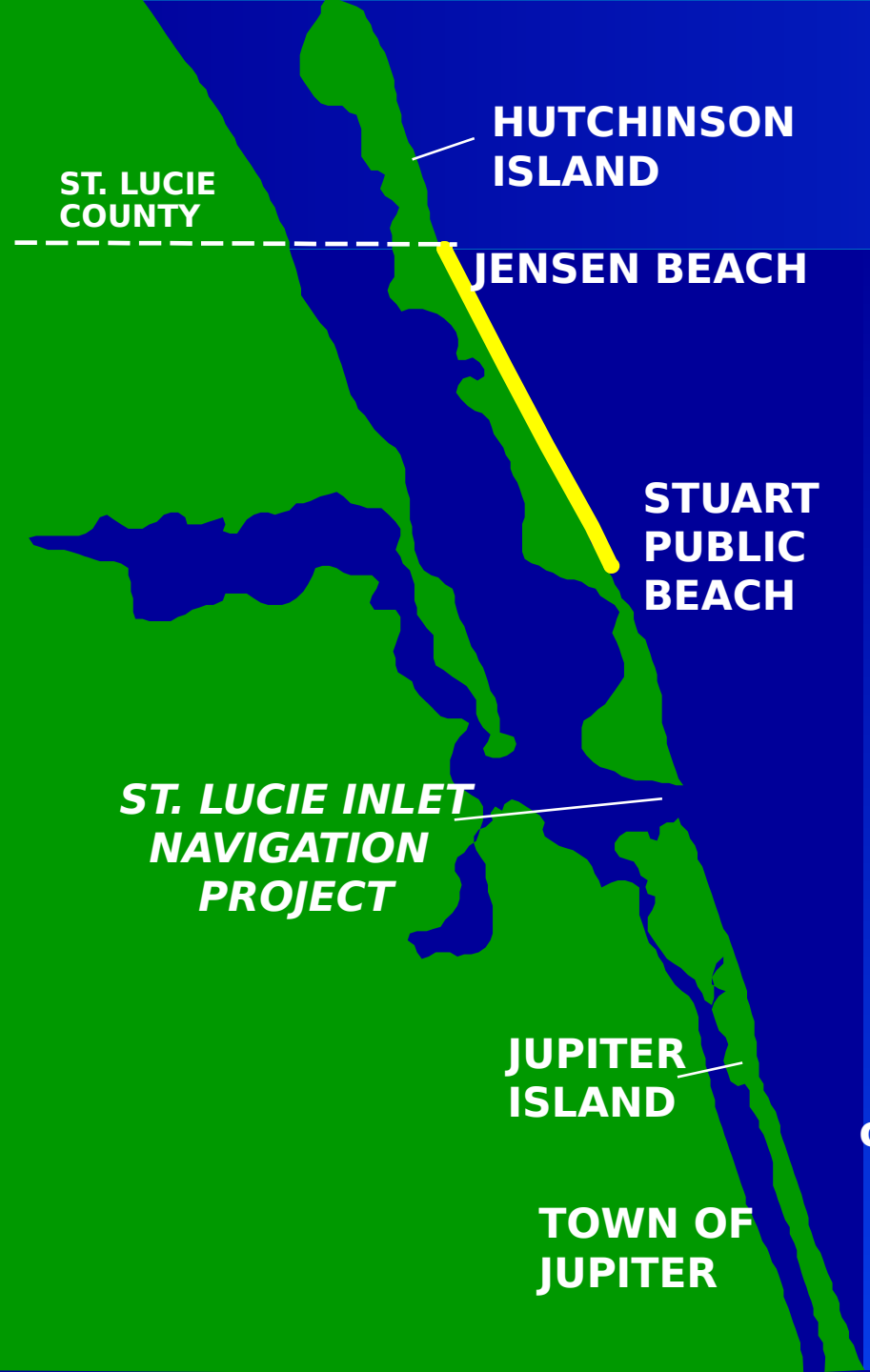
Martin County



2003: Design efforts initiated to renourish northern half of SPP

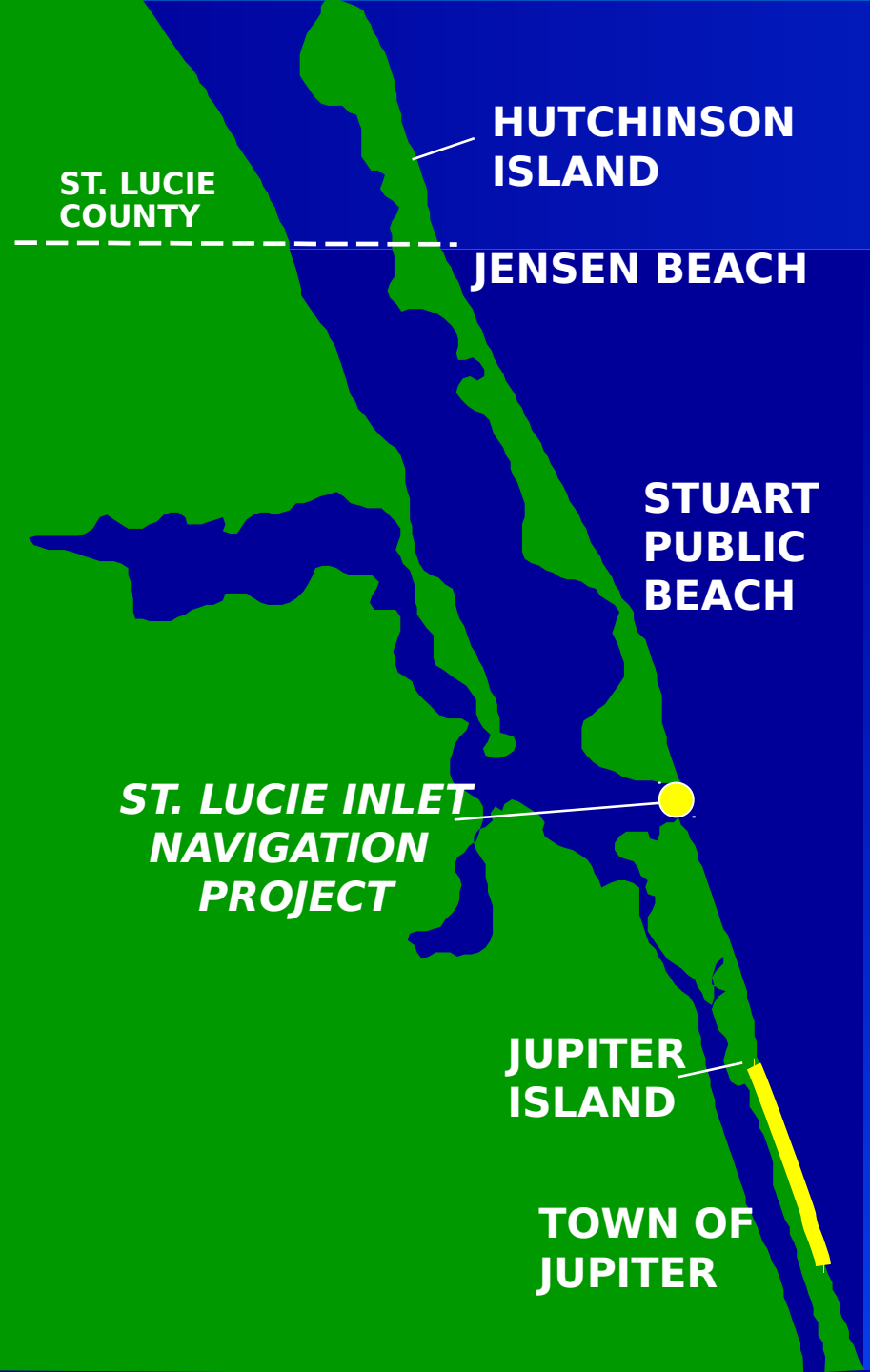
2004: Design efforts for renourishment ongoing

2005: Renourishment of four mile SPP anticipated, pending receipt of funds

Forward

Home

Martin County

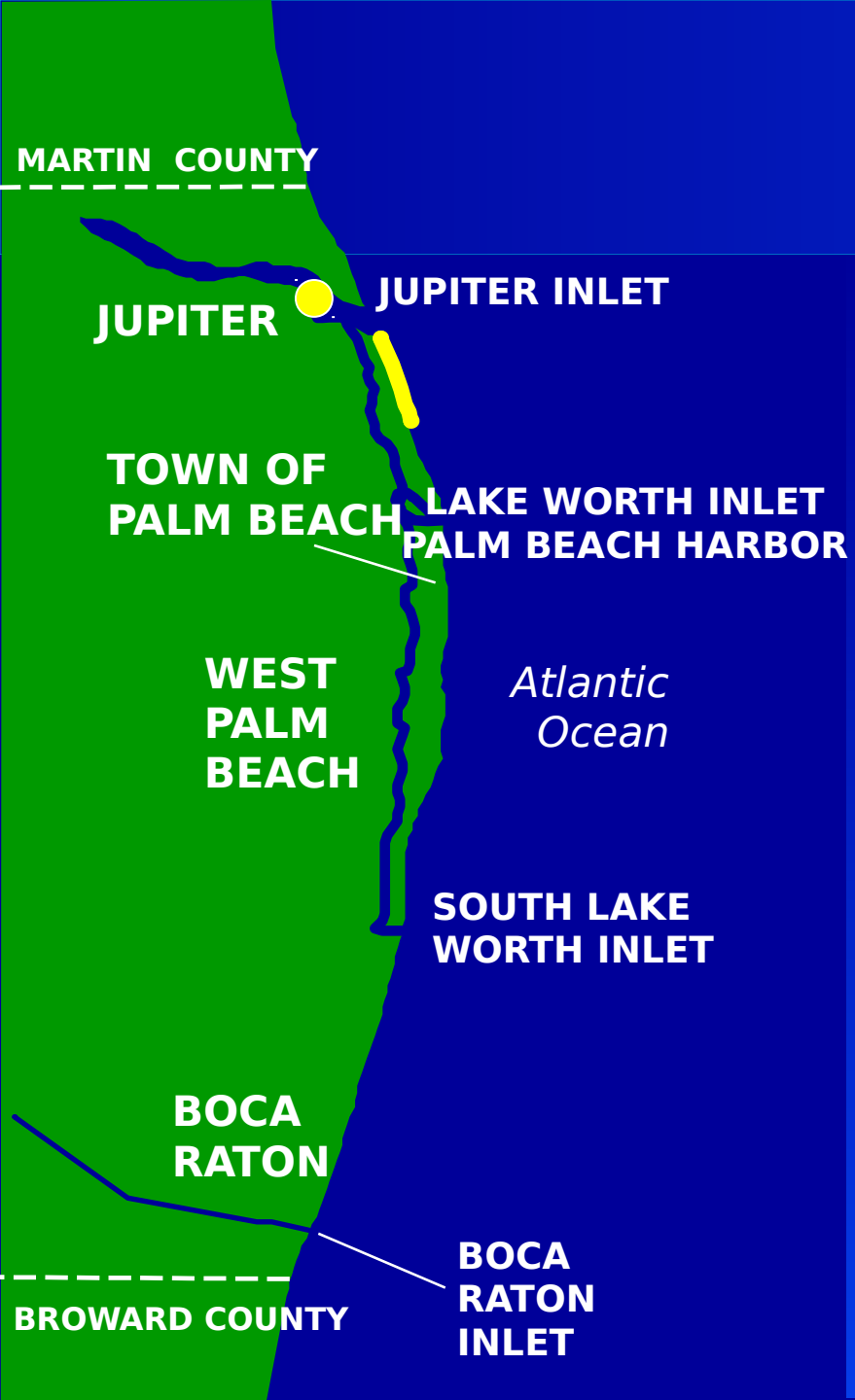


2005: Maintenance dredging event to be conducted with nearshore placement off Town of Jupiter, pending receipt of funds

Previou

Home

Palm Beach County



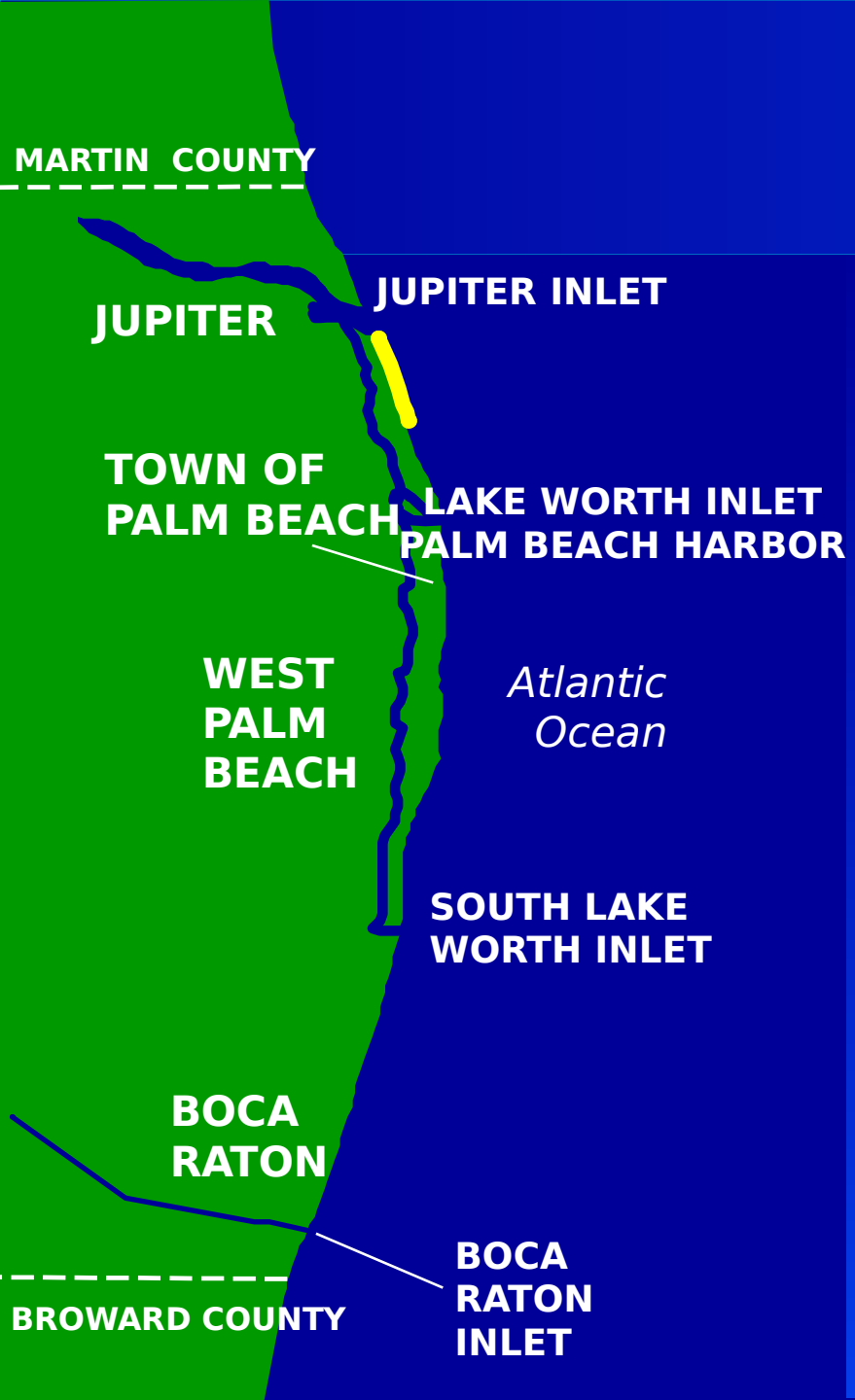
2003: Completed plans & specs for next maintenance dredging

2004: Maintenance dredging of IWW conducted with placement of approximately 150,000 cy on beaches south of inlet

Forward

Home

Palm Beach County



Jupiter/Carlin Shore Protection Project (SPP)

2003: Complete audit for reimbursement of Federal share of renourishment in 2002 by County

2004: Partial reimbursement to County for accomplished after audit in April 2004

2005: Complete reimbursement if additional funds become available

Forward

Previous

Home

Palm Beach County

MARTIN COUNTY

JUPITER

JUPITER INLET

TOWN OF PALM BEACH

LAKE WORTH INLET
PALM BEACH HARBOR

WEST PALM BEACH

Atlantic Ocean

SOUTH LAKE WORTH INLET

BOCA RATON

BOCA RATON INLET

BROWARD COUNTY

2003: Placed 100,000 cy material on down drift beaches; initiated south jetty sand tightening

2004: Maintenance dredging & placement o 100,000 cy on beach anticipated; complete south jetty sand tightening

2005: Maintenance dredging & placement on beach, pending receipt of funds

Forwa

Previou S

Home

Palm Beach County

MARTIN COUNTY

JUPITER

JUPITER INLET

TOWN OF PALM BEACH

LAKE WORTH INLET
PALM BEACH HARBOR

WEST PALM BEACH

Atlantic Ocean

BOYNTON BEACH

SOUTH LAKE WORTH INLET

OCEAN RIDGE

BOCA RATON

BOCA RATON INLET

BROWARD COUNTY

Ocean Ridge Shore Protection Project (SPP)

2003: County continuing design efforts for preparation of Limited Reevaluation Report (LRR)

2004: County scheduled to complete LRR

2005: County scheduled to complete plans & specs and award renourishment contract

Forward

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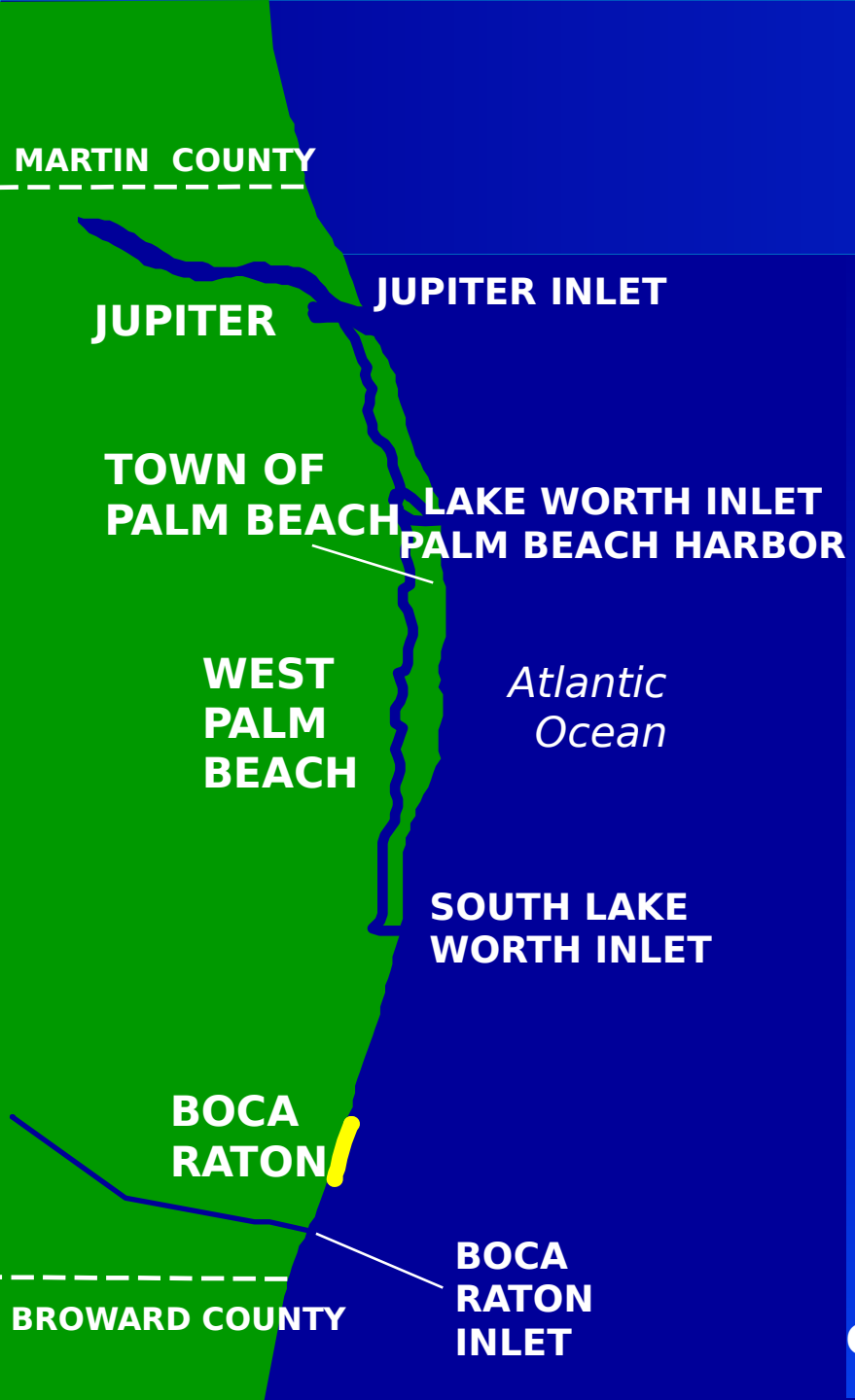
Palm Beach County



Boca Raton - north Shore Protection Project (SPP)

2003: City initiated engineering & design for next renourishment

2004: City to complete Limited Reevaluation Report (LRR) and plans & specs for next renourishment

2005: City to secure State Water Quality Certification (WQC) and award renourishment contract

Forward

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Palm Beach County

MARTIN COUNTY

JUPITER

JUPITER INLET

TOWN OF PALM BEACH

LAKE WORTH INLET
PALM BEACH HARBOR

WEST PALM BEACH

Atlantic Ocean

SOUTH LAKE WORTH INLET

BOCA RATON

BOCA RATON INLET

BROWARD COUNTY

Boca Raton - central Shore Protection Project (SPP)

2003: Limited Reevaluation Report (LRR) prepared by Corps

2004: City completed initial construction

2005: City to monitor completed project

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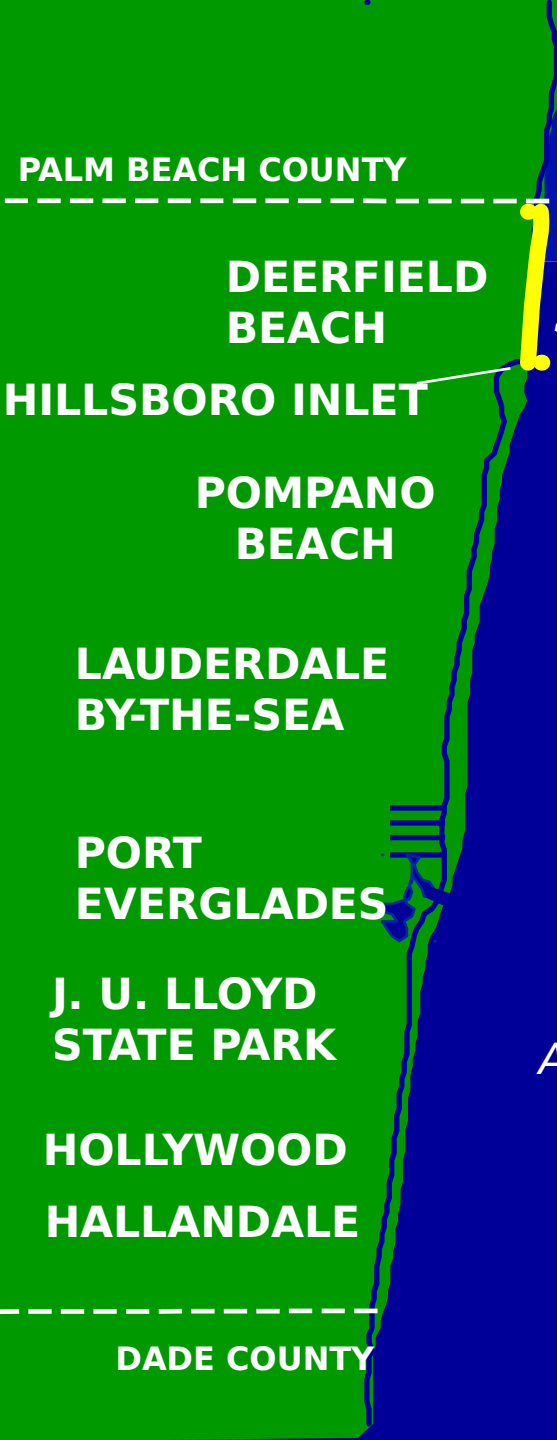
Broward County



2004: Preparation of General Re-evaluation Report (GRR) to be initiated for northern Broward County – Hillsboro Inlet to North County Line

2005: Initiate preparation of GRR

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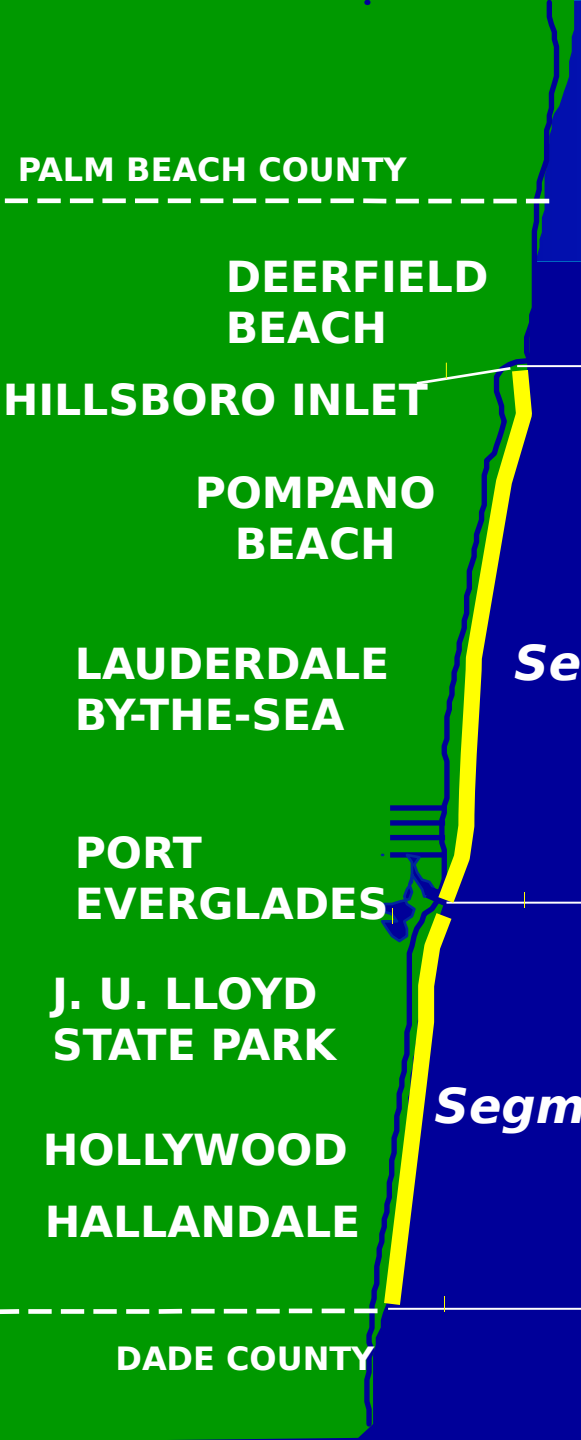

Broward County

2003: Broward County completed draft General Re-evaluation Report (GRR) & Environmental Impact Statement (EIS) and constructed up front mitigation for Segment III

2004: County completed plans & specs, and plans to award the renourishment contract for Segment III in November 2004

2005: County intends to complete renourishment of Segment III

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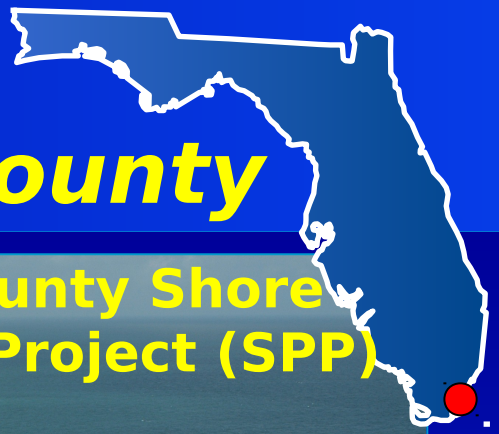
Dade County



Dade County Shore Protection Project (SPP)

2003: Village of Bal Harbour design memorandum initiated

2004: Bal Harbour design memorandum completed

2005: Plans & specs completed for renourishment of North Miami Beach with 400,000 cy anticipated

Home

Lee County

Shore Protection Projects (SPP)

2003: GRR approval underway; Section 206 reimbursement agreement initiated

2004: GRR approved; Section 206 reimbursement agreement being processed

2004: Section 206 reimbursement agreement executed; renourishment activities initiated by sponsor

Forward

Home

GASPARILLA ISLAND

BOCA GRANDE PASS

PINE ISLAND

CAPTIVA ISLAND

ESTERO ISLAND

MATANZAS PASS

SANIBEL ISLAND

FORT MYERS BEACH

Gulf of Mexico

Lee County

Captiva Island Shore Protection Project (SPP)

2003: Section 206 Reimbursement Agreement initiated

2004: Section 206 reimbursement agreement being processed; plans & specs for next renourishment initiated by sponsor

2005: Renourishment activities conducted by sponsor

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MANATEE COUNTY

SARASOTA

LIDO KEY

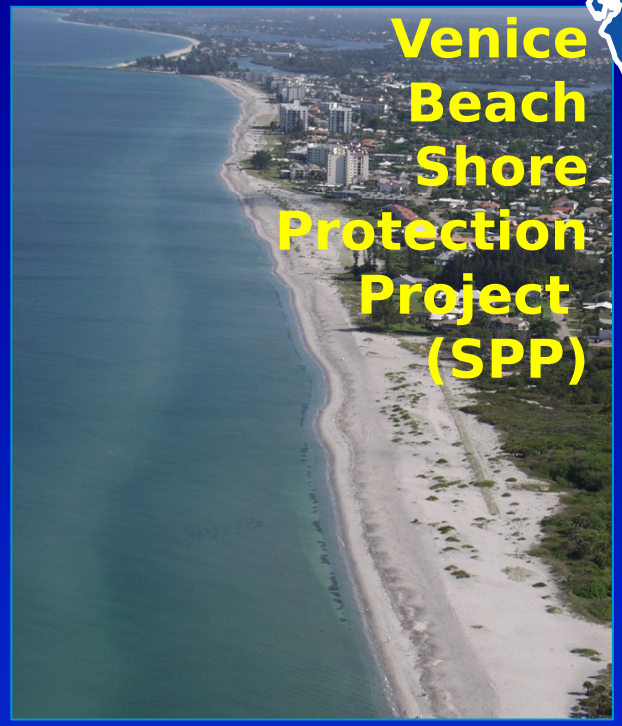
SIESTA KEY

Gulf of Mexico

VENICE INLET

VENICE

Sarasota County



2003: Plans & specs and permit acquisition conducted

2004: Plans & specs and permit acquisition ongoing

2005: Renourishment activities initiated pending receipt of funds

Forward

Home

Sarasota County

2003: Review and approval of feasibility report conducted; maintenance dredging at New Pass placed 128,000 cy on beach

2004: Feasibility report approved; Chief of Engineers report pending

2005: Section 206 reimbursement agreement initiated; engineering & design efforts

Previo

Home

Manatee County

2003: Completed audit for reimbursement of Federal share of renourishment cost in 2002 by County

2004: Partial reimbursement to County accomplished after audit in May 2004

2005: Complete reimbursement if additional funds become available

Home

Pinellas County

2003: Plans & specs for next renourishment of Treasure Island & Long Key conducted

2004: Renourishment of Treasure Island & Long Key underway; plans & specs preparation underway for next renourishment for Sand Key

2005: Renourishment of Sand Key initiated pending receipt of fund

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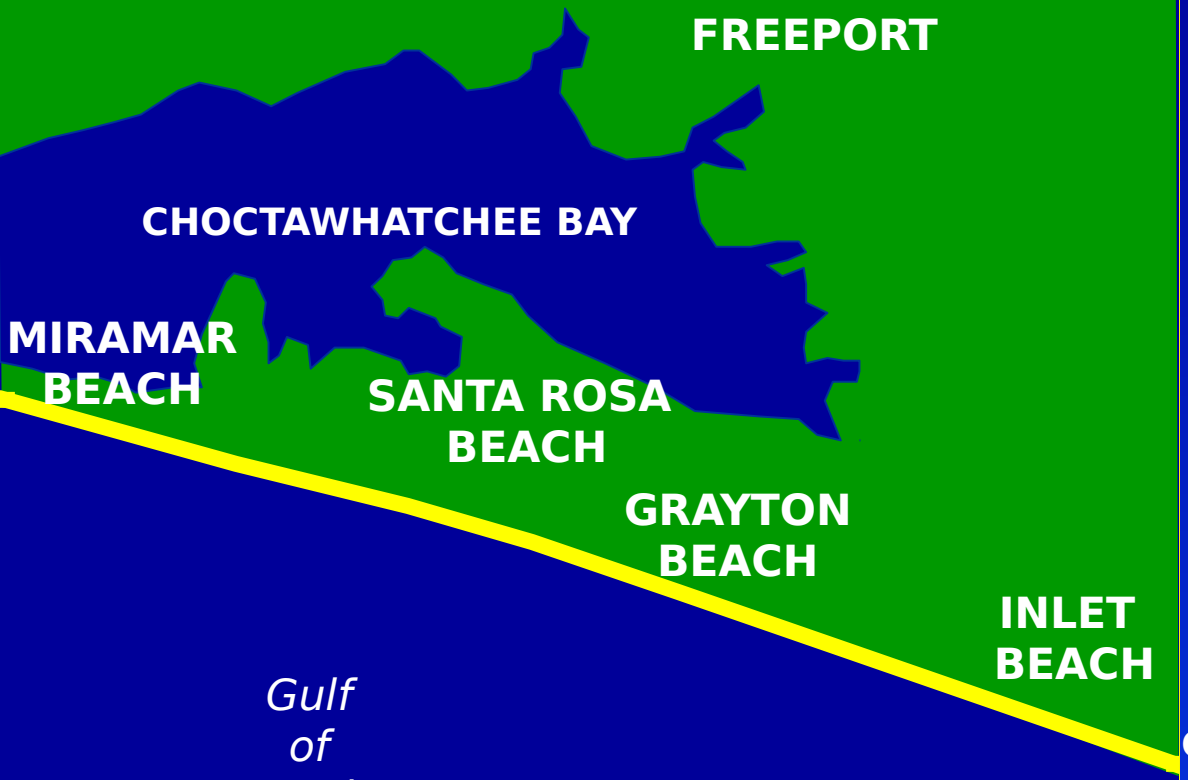

Walton County

Walton County Study

2003: Recon study conducted

2004: Feasibility phase initiated

2005: Feasibility phase continues

Home